

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
 Data File : BF109583.D
 Acq On : 4 Oct 2018 13:45
 Operator : JU/SJ
 Sample : J5199-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-100318

Quant Time: Oct 04 14:33:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

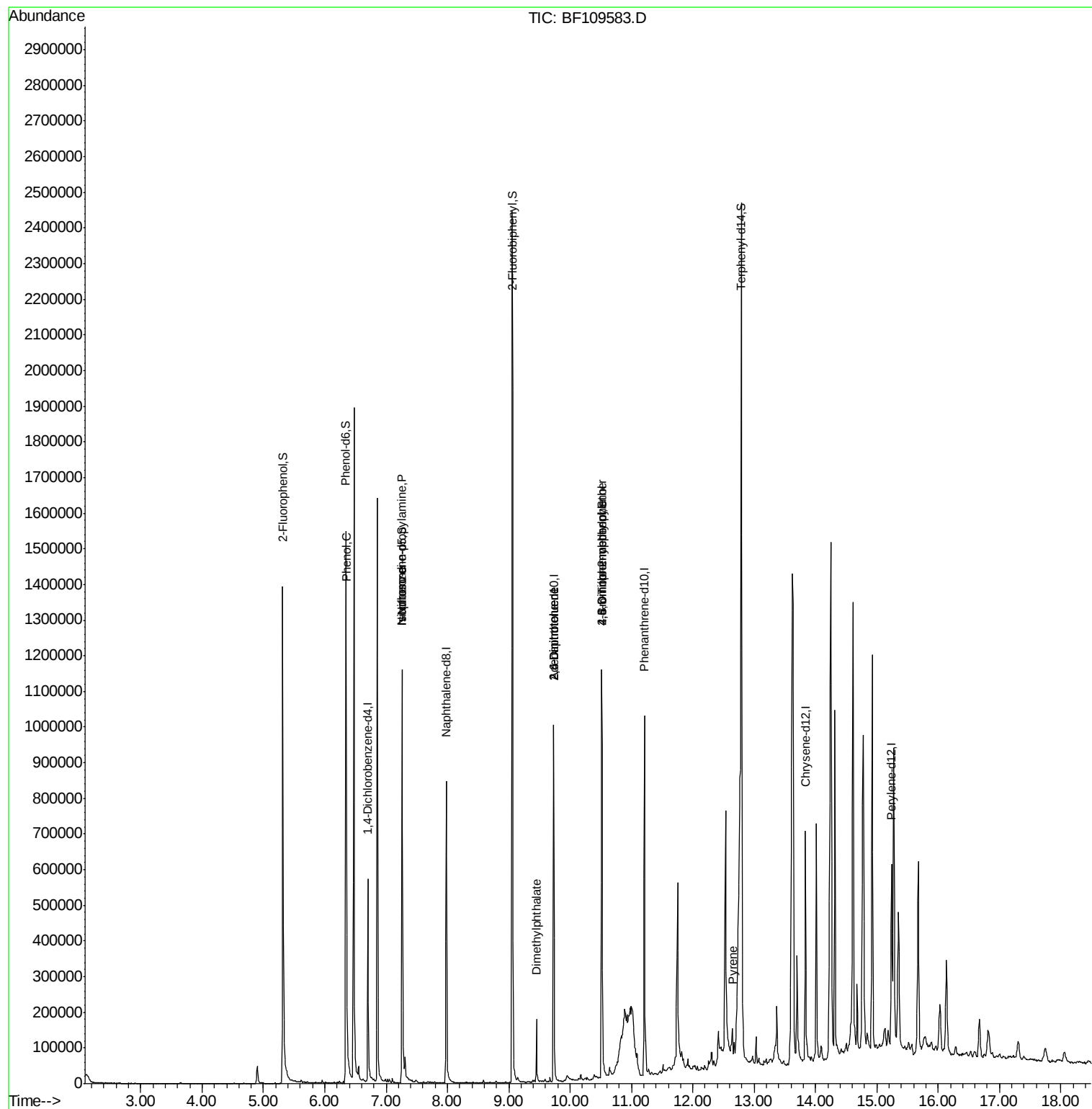
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	103098	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	421376	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	204921	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	376494	20.00	ng	0.00
75) Chrysene-d12	13.84	240	227884	20.00	ng	0.00
86) Perylene-d12	15.24	264	259536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	498695	79.67	ng	0.00
7) Phenol-d6	6.35	99	681090	85.27	ng	-0.01
23) Nitrobenzene-d5	7.26	82	440176	61.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	155259	76.86	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	833918	61.38	ng	-0.02
78) Terphenyl-d14	12.79	244	614154	66.14	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	27976	3.093	ng	78
19) n-Nitroso-di-n-propylamine	7.26	70	55574	10.618	ng	# 78
25) Isophorone	7.26	82	425369	33.092	ng	# 64
49) Dimethylphthalate	9.45	163	69662	4.674	ng	99
50) 2,6-Dinitrotoluene	9.73	165	26492	8.975	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	26492	7.093	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	235	6.654	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	8994	2.151	ng	# 1
77) Pyrene	12.64	202	37393	2.290	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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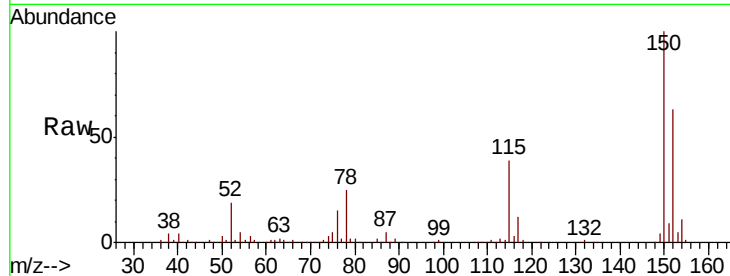


#1

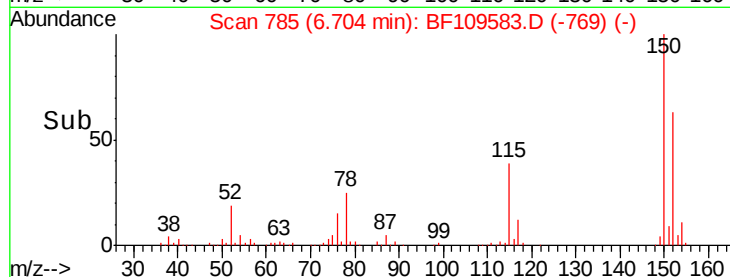
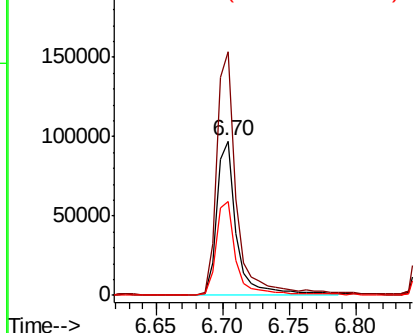
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
OK-01-100318

Tot Ion:152 Resp: 103098
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 60.7 50.1 75.1



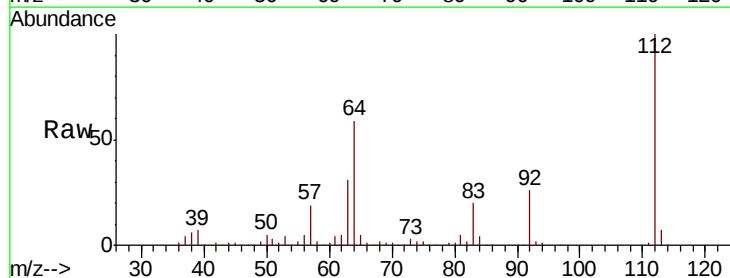
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



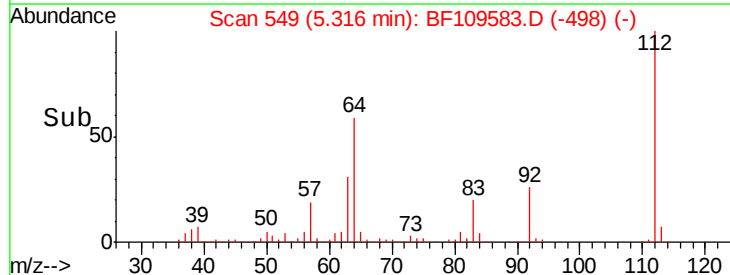
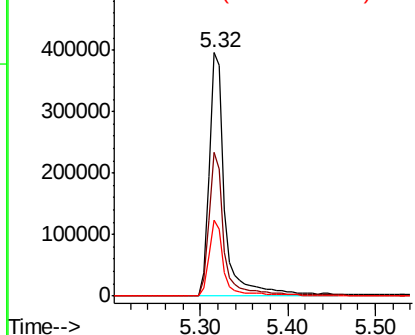
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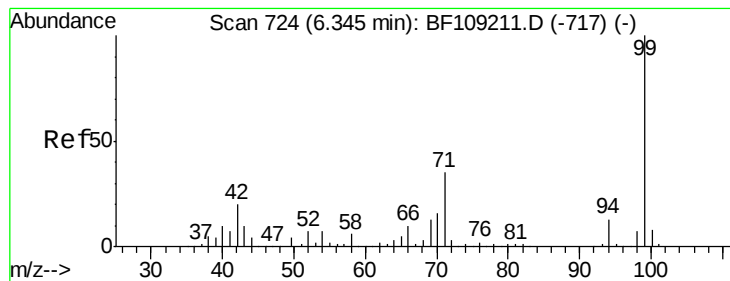
2-Fluorophenol
Concen: 79.671 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Tgt Ion:112 Resp: 498695
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 31.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 85.272 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109583.D

Acq: 4 Oct 2018 13:45

Instrument :

BNA_F

ClientSampleId :

OK-01-100318

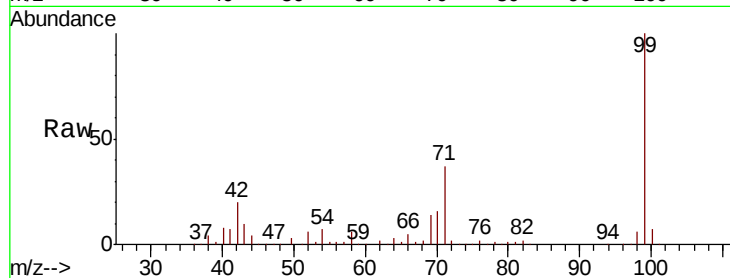
Tot Ion: 99 Resp: 681090

Ion Ratio Lower Upper

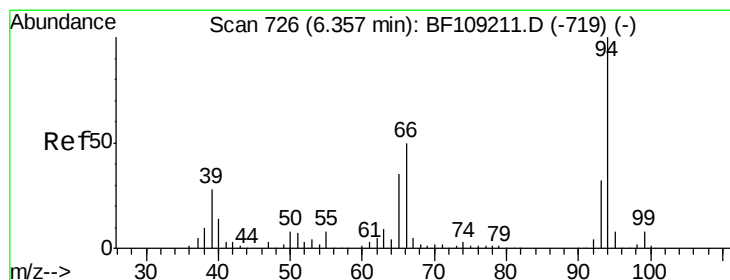
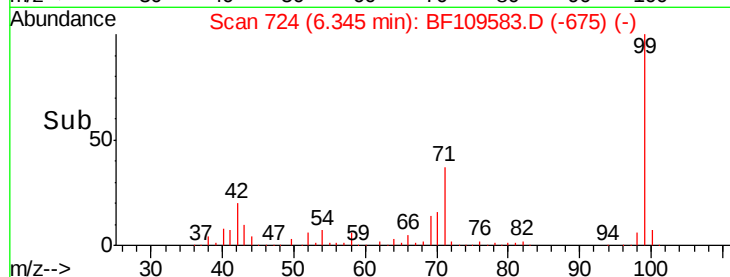
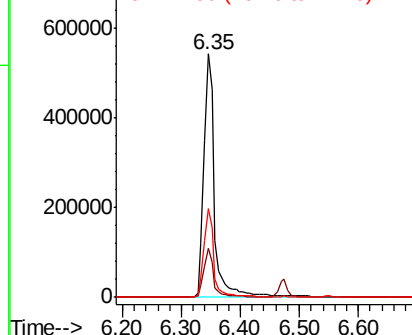
99 100

42 20.0 14.5 21.7

71 36.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.093 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109583.D

Acq: 4 Oct 2018 13:45

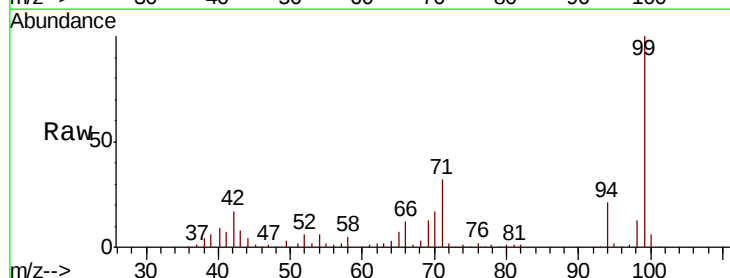
Tgt Ion: 94 Resp: 27976

Ion Ratio Lower Upper

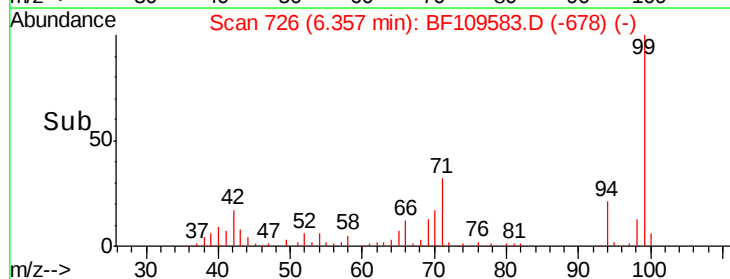
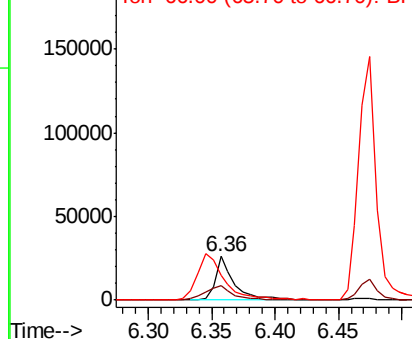
94 100

65 32.6 7.9 47.9

66 55.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

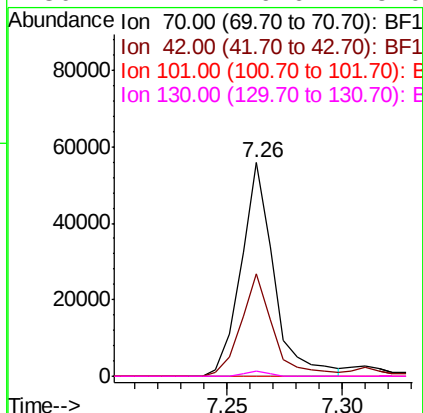
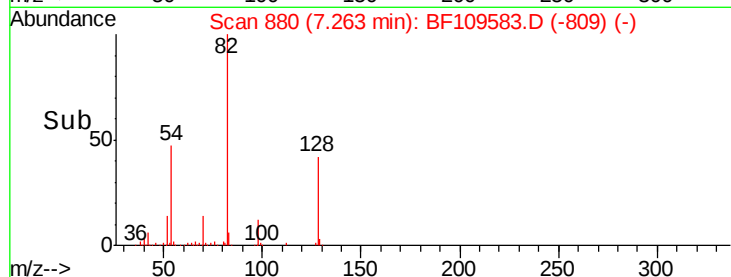
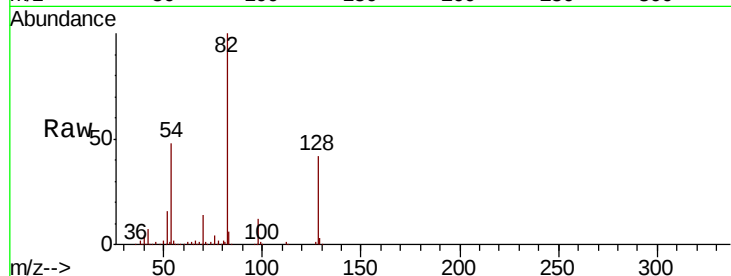




#19
n-Nitroso-di-n-propylamine
Concen: 10.618 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

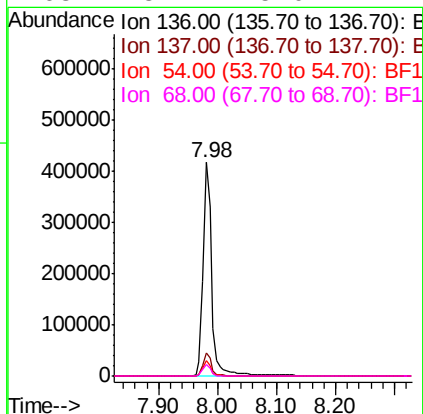
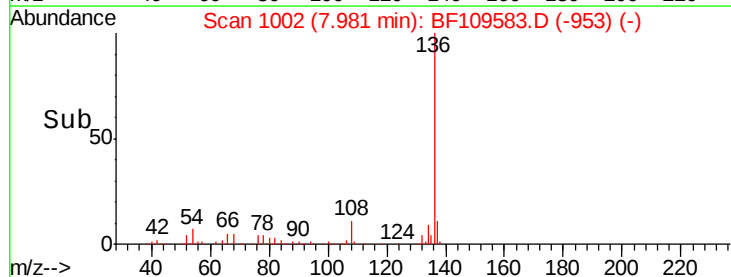
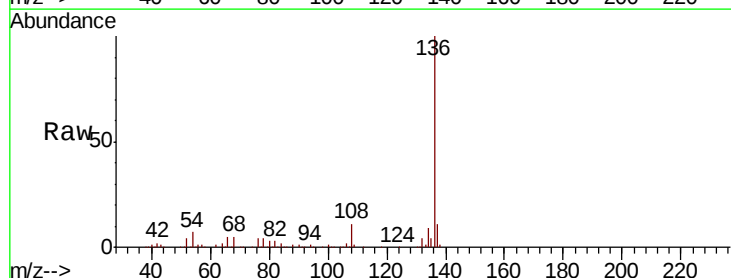
Instrument :
BNA_F
ClientSampleId :
OK-01-100318

Tot Ion: 70 Resp: 55574
Ion Ratio Lower Upper
70 100
42 48.2 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Tgt Ion:136 Resp: 421376
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.2 6.6 9.8
68 5.4 5.0 7.4

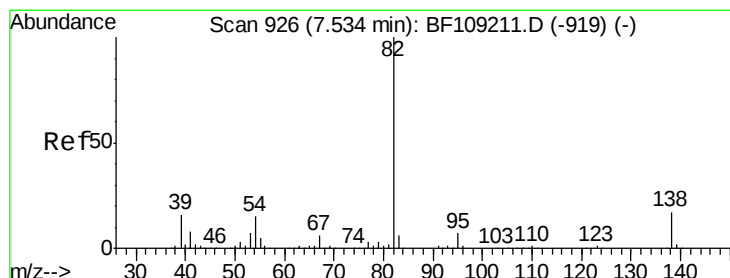
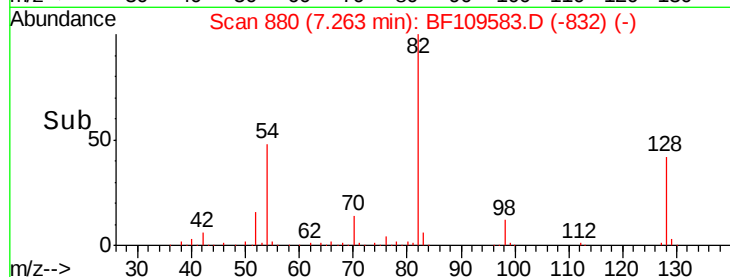
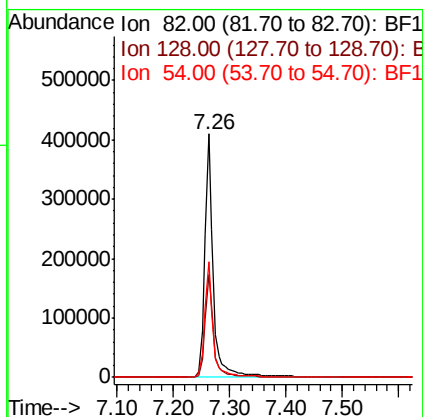
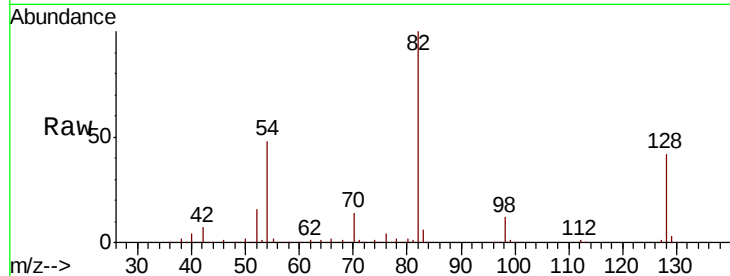




#23
 Nitrobenzene-d5
 Concen: 61.665 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109583.D
 Acq: 4 Oct 2018 13:45

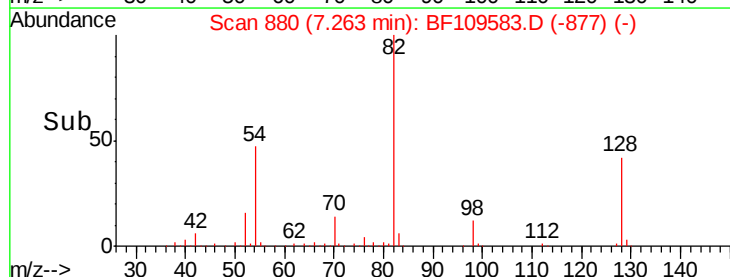
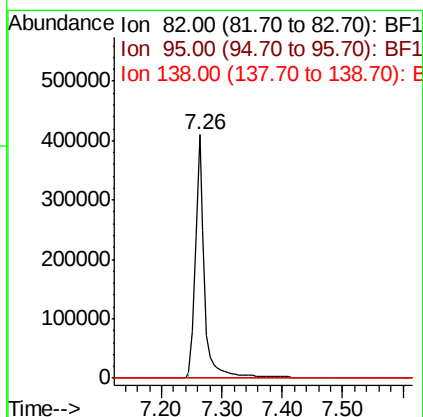
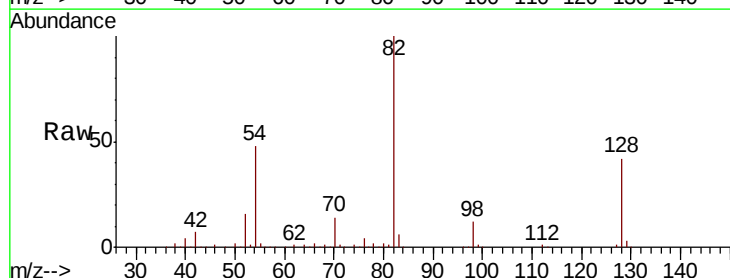
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-100318

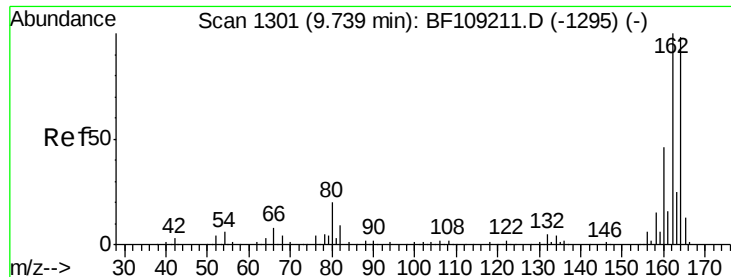
Tot Ion: 82 Resp: 440176
 Ion Ratio Lower Upper
 82 100
 128 42.2 36.1 54.1
 54 47.6 41.4 62.2



#25
 Isophorone
 Concen: 33.092 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF109583.D
 Acq: 4 Oct 2018 13:45

Tgt Ion: 82 Resp: 425369
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109583.D

Acq: 4 Oct 2018 13:45

Instrument :

BNA_F

ClientSampleId :

OK-01-100318

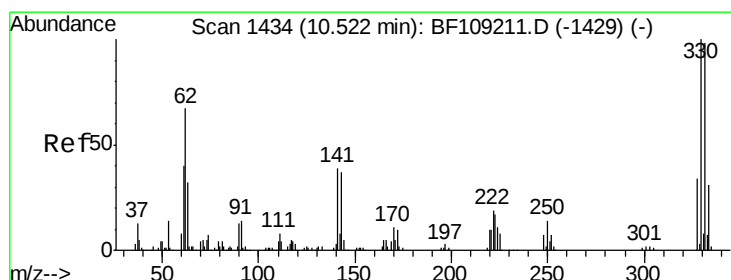
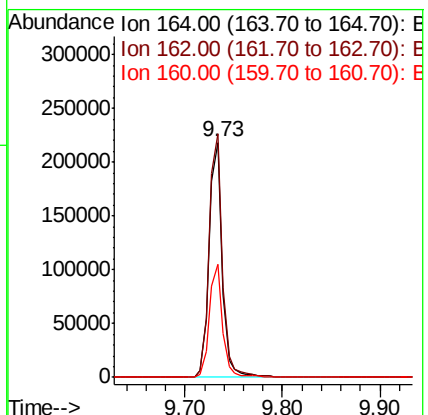
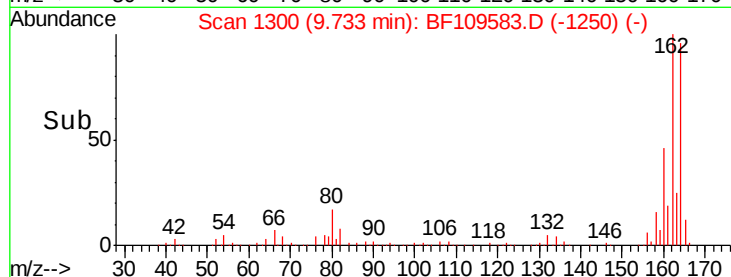
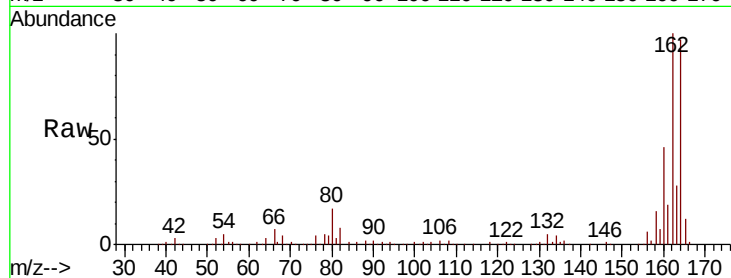
Tot Ion:164 Resp: 204921

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

160 47.9 38.3 57.5



#41

2,4,6-Tribromophenol

Concen: 76.857 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109583.D

Acq: 4 Oct 2018 13:45

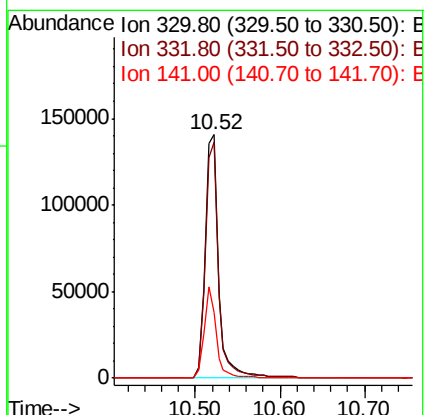
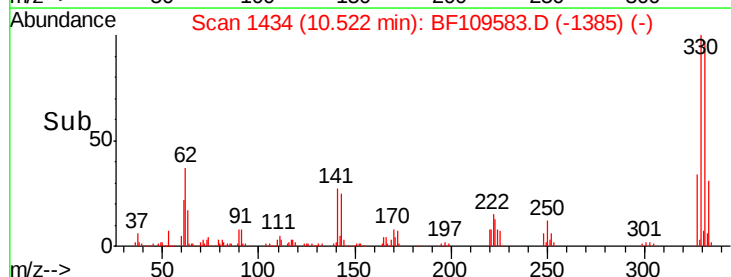
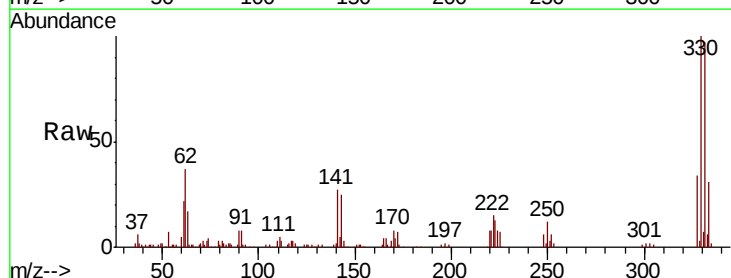
Tgt Ion:330 Resp: 155259

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

141 33.9 29.9 44.9

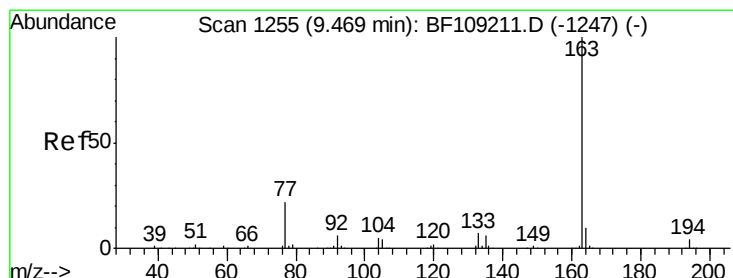
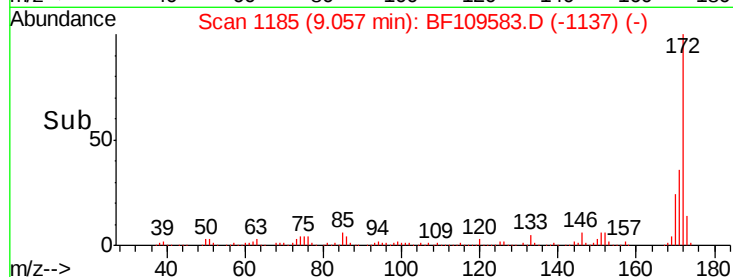
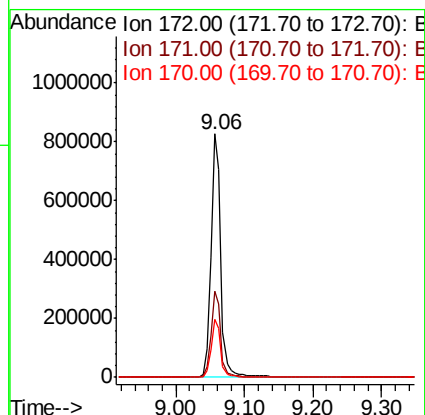
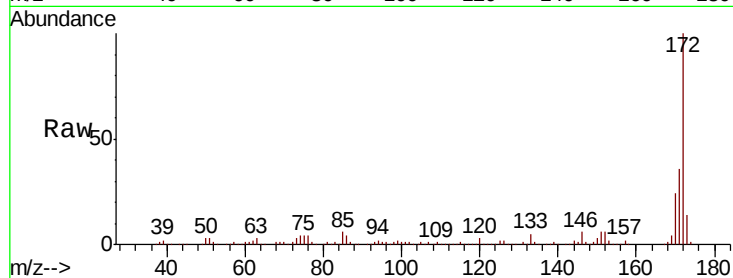




#44
2-Fluorobiphenyl
Concen: 61.375 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

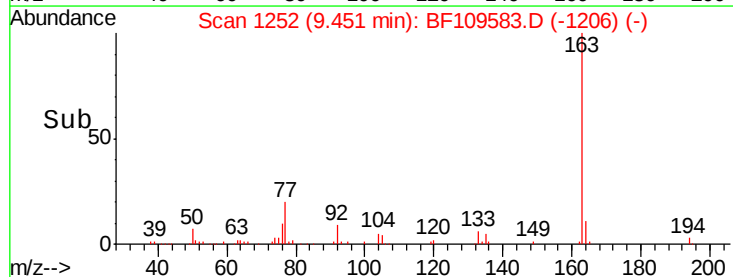
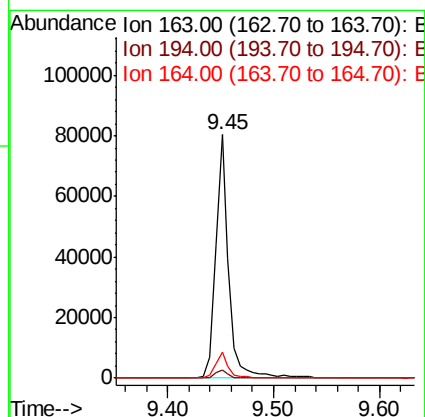
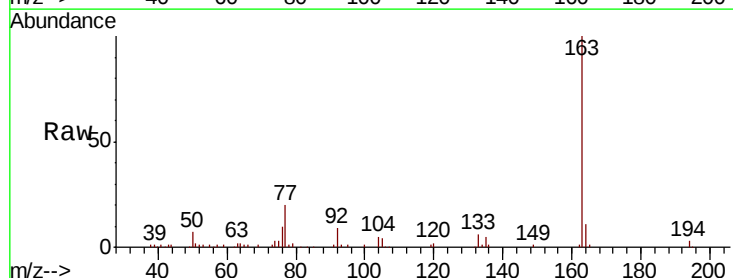
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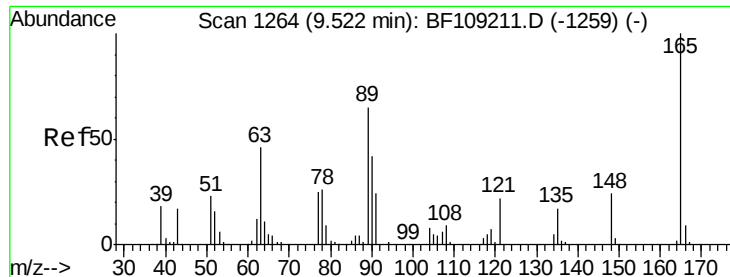
Tot Ion:172 Resp: 833918
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 4.674 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Tgt Ion:163 Resp: 69662
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.8 8.2 12.2

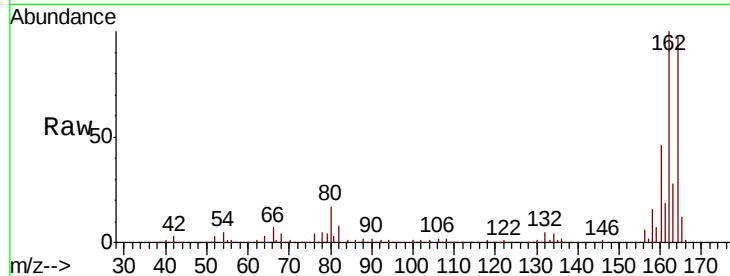




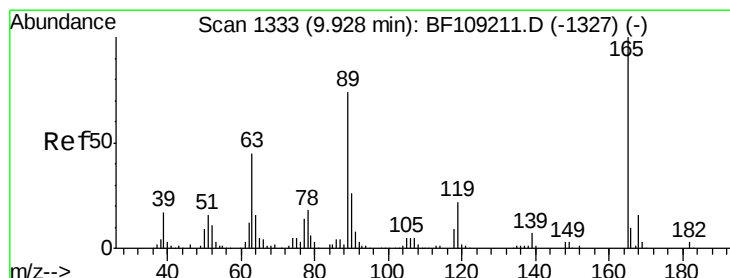
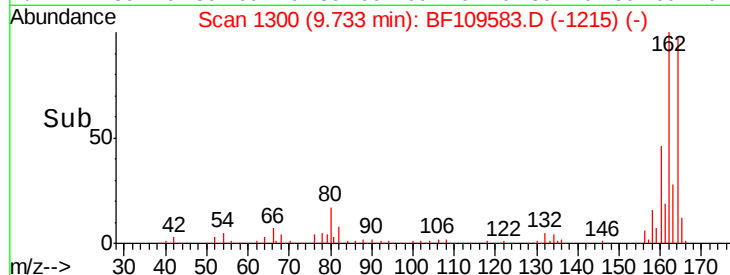
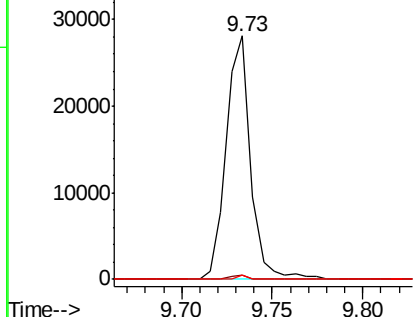
#50
 2,6-Dinitrotoluene
 Concen: 8.975 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109583.D
 Acq: 4 Oct 2018 13:45

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-100318

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.7	44.0	66.0#



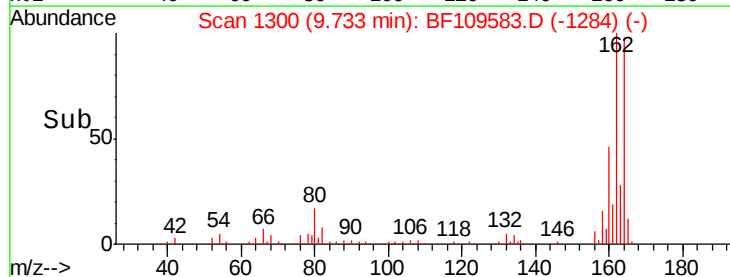
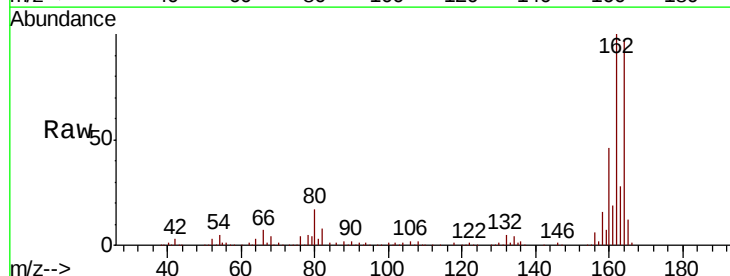
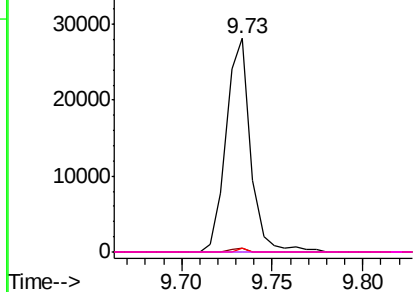
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

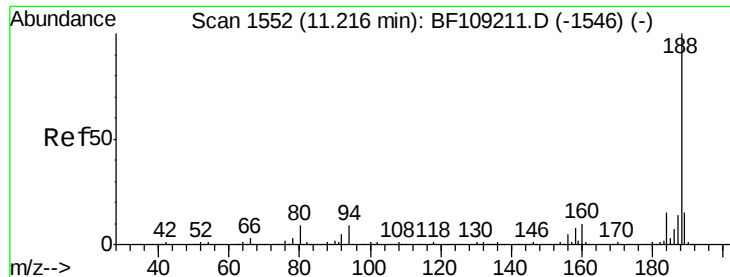


#56
 2,4-Dinitrotoluene
 Concen: 7.093 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109583.D
 Acq: 4 Oct 2018 13:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

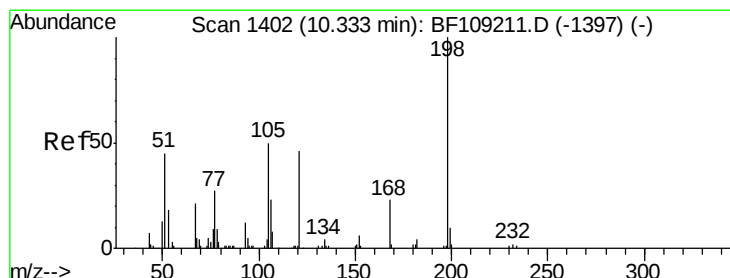
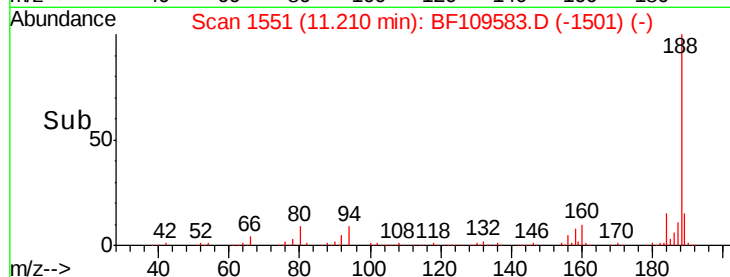
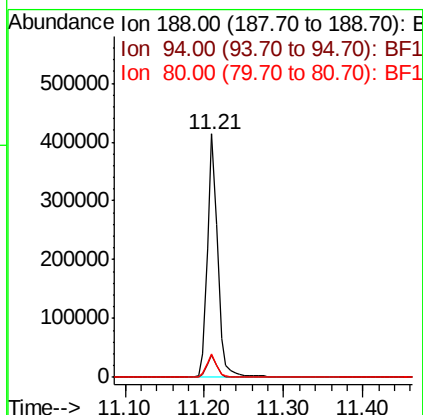
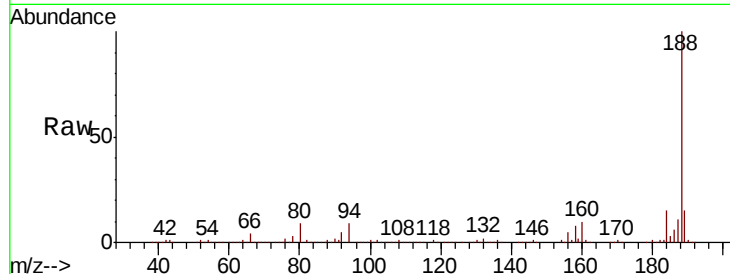




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109583.D
 Acq: 4 Oct 2018 13:45

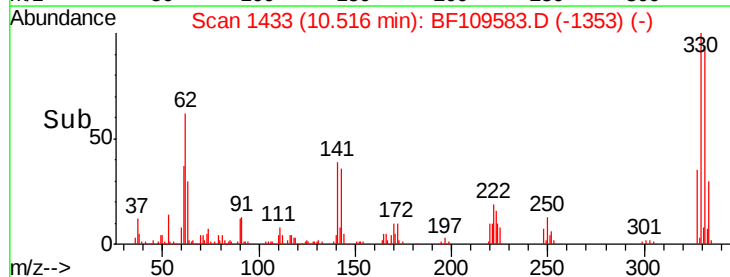
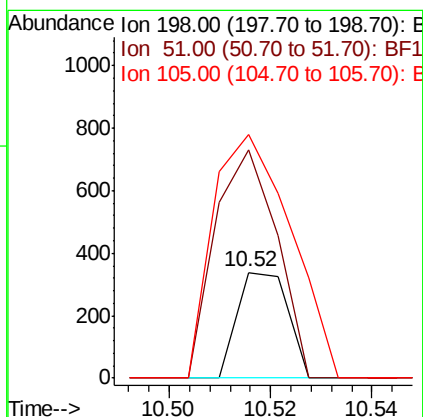
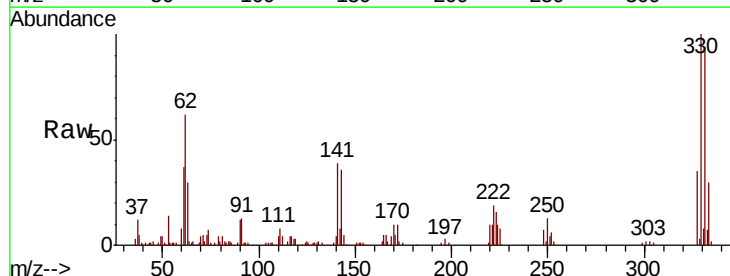
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-100318

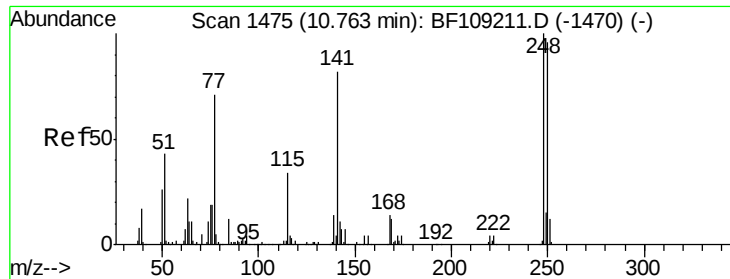
Tot Ion:188 Resp: 376494
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.5 12.7
 80 9.4 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.654 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109583.D
 Acq: 4 Oct 2018 13:45

Tgt Ion:198 Resp: 235
 Ion Ratio Lower Upper
 198 100
 51 215.0 37.7 77.7#
 105 229.8 36.3 76.3#

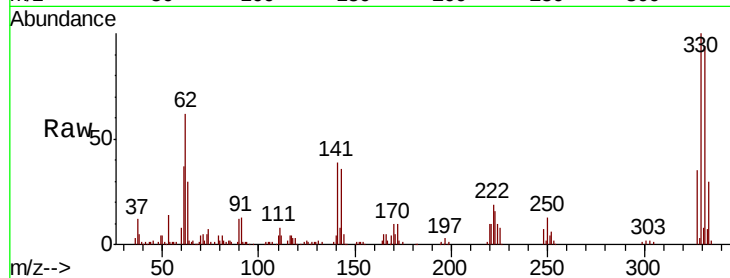




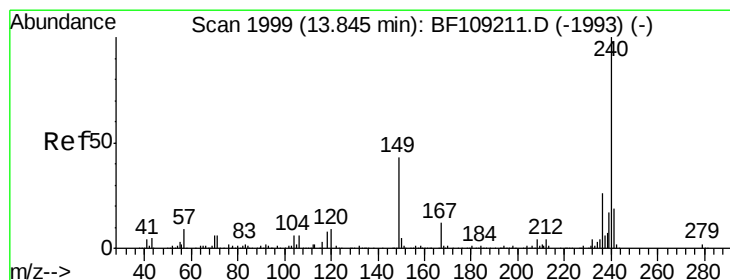
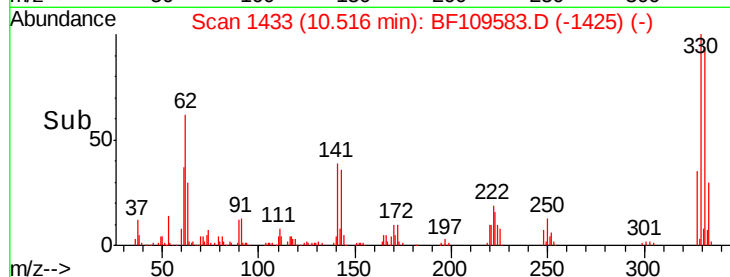
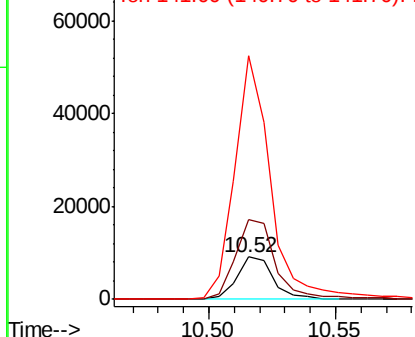
#66
4-Bromophenyl-phenylether
Concen: 2.151 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
OK-01-100318

Tot Ion:248 Resp: 8994
Ion Ratio Lower Upper
248 100
250 187.9 76.9 115.3#
141 576.3 74.4 111.6#

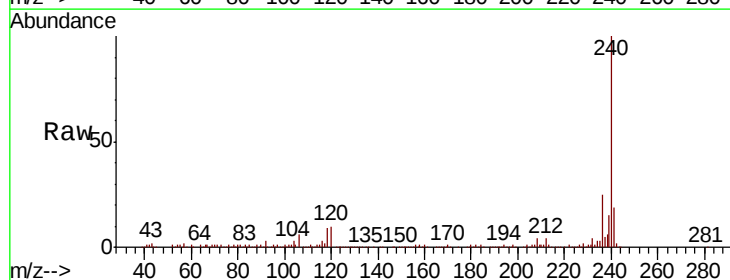


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

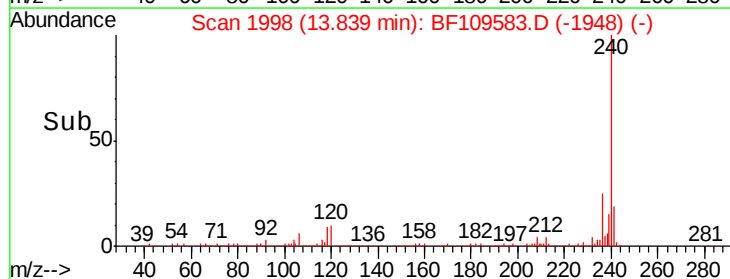
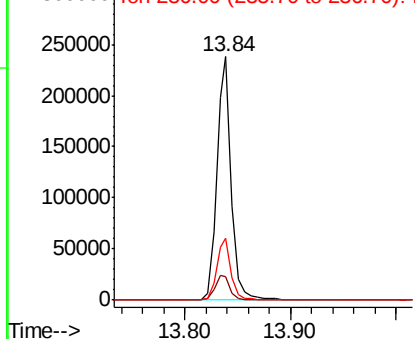


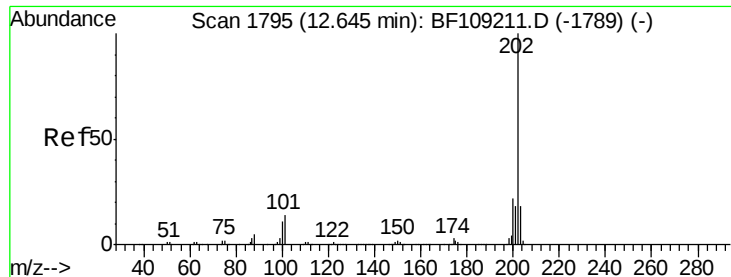
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Tgt Ion:240 Resp: 227884
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.290 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF109583.D

Acq: 4 Oct 2018 13:45

Instrument :

BNA_F

ClientSampleId :

OK-01-100318

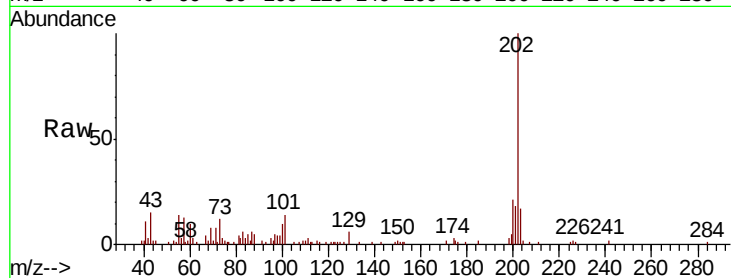
Tot Ion:202 Resp: 37393

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

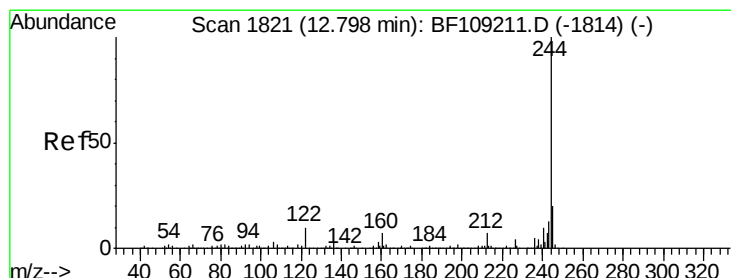
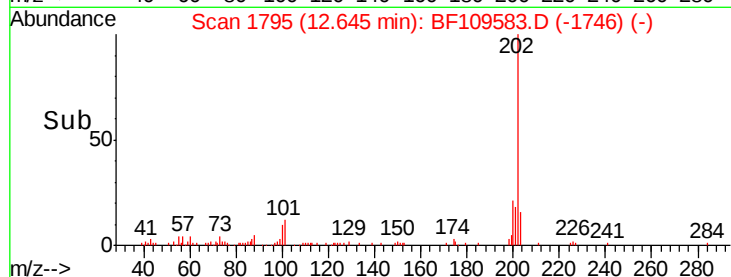
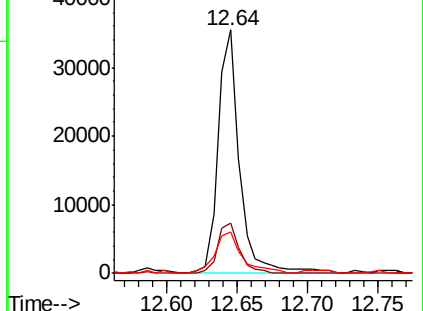
203 17.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 66.140 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109583.D

Acq: 4 Oct 2018 13:45

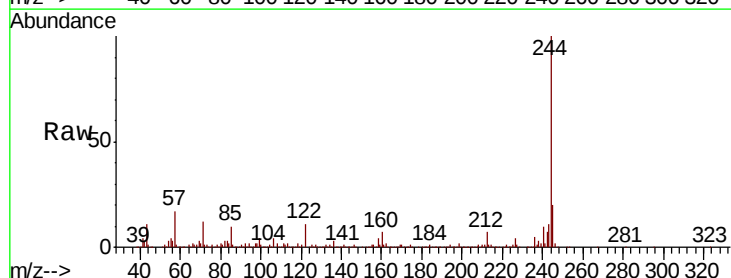
Tgt Ion:244 Resp: 614154

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

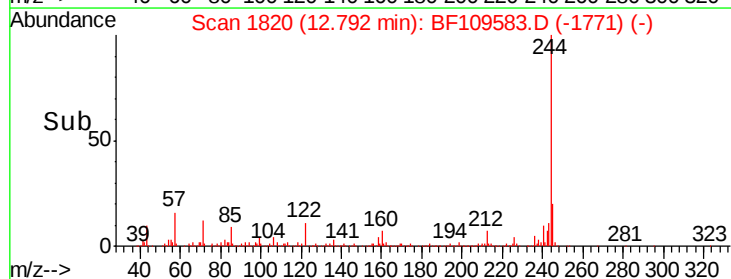
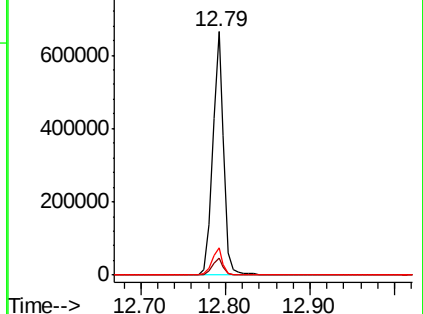
122 11.2 11.0 16.4

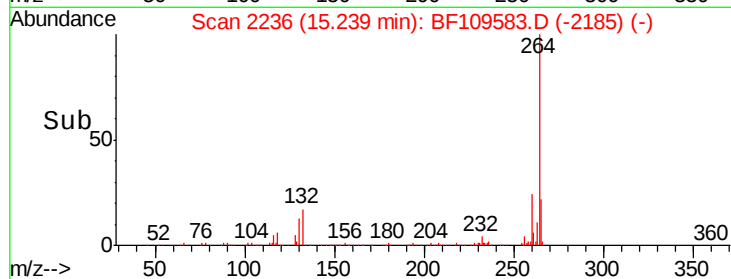
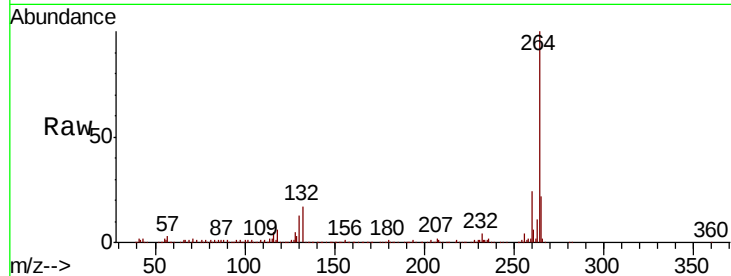
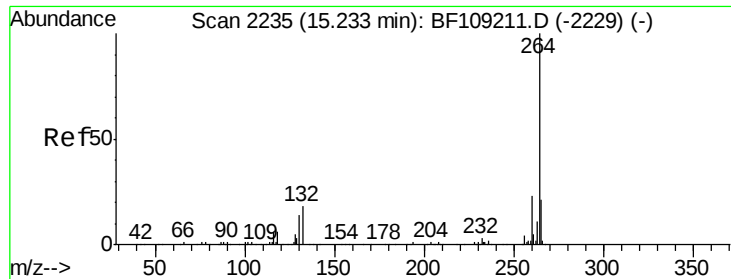


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109583.D
 Acq: 4 Oct 2018 13:45

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-100318

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.5	26.3

